

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 03/24/2006

DSR Number: 005-05-003K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 2e
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: C. J. Gaudin (East Ascension Consolidated Gravity Drainage District No. 1 (EACGDD))

Address: 42077 Churchpoint Road

City/State/Zip: Gonzales, La. 70737

Telephone Number: (225) 621-1120

Fax: (225) 621-5743

Section 1C Site Location Information

County: Ascension

State: LA

Congressional District: 06 ^{MIK}

Latitude DS: N30.32321

Longitude DS: W91.01807

Section: 28 Township: 9S Range: 2E

Latitude US: N30.31718

Longitude US: W91.01469

UTM Coordinates: _____

Drainage Name: Frog Bayou

Reach 3,150 ft.

Damage Description: Debris - Light (Debris is reducing the capacity of the channel. Debris consists mostly of trees).

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?***	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No structures to repair
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: _____

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

Section 1E Proposed Action

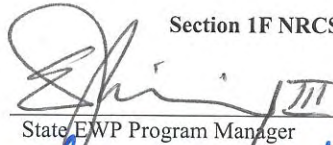
Describe the preferred alternative from Findings: Section 5 A:

Working from within the channel and from both sides, remove debris manually. Do not remove live trees from riparian area for access purposes. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

Total installation cost identified in this DSR: Section 3: \$ 20,750.00

Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed:

7/7/06

Approved By:


State Conservationist

Date Approved:

7/10/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Working from within the channel and from both sides, remove and dispose of debris manually	Leave all debris in the channel	Remove and dispose of debris from the channel using both sides of the channel for access using conventional means
2D Effects of Alternatives				
Soil				
Bank Erosion	disturbed soils from bank, tree falls, and uprooting 20-T/ac	removal of debris will allow reveg. and reduce loss 5-T/ac	potential for further damage from debris 20-T/ac	reveg./reduce soil loss 10-T/ac
Soil Quality	soil quality reduced	soil quality improved	soil quality reduced	soil quality improved
Water				
Downstream water rights				
DO	low DO from decreased water flow	remove debris/increase flow/DO	blockage/low DO	remove debris/increase flow/DO
BOD	high BOD/debris decomposition	improved BOD by removing detritus	high BOD/decomposition	improved BOD/less detritus
Overall Stream Health	SVAP = 6.1 = Fair	SVAP = 6.7 = Fair	SVAP = 6.1 Fair	SVAP = 7.1 = Fair
Air				
Particulate matter/dust	no effect	slight temporary increase during debris removal	no effect	attainment
Plant				
riparian plants	Loss of riparian food/cover habitat due to down trees	Allow revegetation in riparian area by removing debris	Loss of riparian food/cover habitat due to down trees	Negative impact if access is from bank, healthy trees removed
aquatic health/vigor	Poor-low water quality	Increase function with improved water quality	Poor-low water quality	Increase function with improved water quality
Animal				
Aquatic habitat	impaired food web quality	quality increased/reduce BOD	quality reduced/high BOD	quality increased/reduce BOD
Upland habitat	Loss of riparian food/cover habitat due to down trees	Revegetation in riparian after debris removal-improve habitat	Loss of riparian food/cover habitat due to down trees	Negative impact if trees are removed for access
Other				
Aesthetics	Poor due to clutter	improved by debris removal	Poor due to clutter	improved by debris removal
Vectors	Increased potential due to stagnation	improve water flow	Increased potential due to stagnation	improve water flow

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA Jurisdiction. Debris in channel affects water flow and water quality	CWA permit needed-improve water quality and restore hydrology	Continued decrease in water quality w/ debris decomposition and altered hydrology	CWA permit needed-improve water quality and restore hydrology
Coastal Zone Management Areas	Not within the coastal zone	N/A	N/A	N/A
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.	None observed on-site. Cross reference with state leader.
Endangered and Threatened Species	(FOTG Section II) (Federal and State Lists) Bald Eagle noted on Conservation Map	(FOTG Section II) (Federal/State Lists) Consultation Required	(FOTG Section II) (Federal and State Lists) Bald Eagle noted	(FOTG Section II) (Federal/State Lists) Consultation Required
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)	N/A (Referenced with NOAA)
Fish and Wildlife Coordination	State level review by project type with USFWS & LDWF; Consultation not required for debris removal.	State level review by project type with USFWS & LDWF; Consultation not required for debris removal.	State level review by project type with USFWS & LDWF; Consultation not required for debris removal.	State level review by project type with USFWS & LDWF; Consultation not required.
Floodplain Management	Stream is located in 100-year floodplain and function is impaired.	improved function to drainage channel by restoring pre-storm hydraulic capacity	100-year floodplain function is impaired	improved function to drainage channel by restoring pre-storm hydraulic capacity
Invasive Species	Chinese tallow and Chinese privet noted in stream riparian zone	No significant impact	Chinese tallow and Chinese privet noted in stream riparian zone	Potential for spread if riparian area is disturbed during access
Migratory Birds	Slight decrease in quality of available food and cover due to the storm event	Proposed action will not adversely impact habitat.	Slight decrease in quality of available food and cover due to the storm event	Alternative action could have slight adverse impact on habitat
Natural Areas	(FOTG II) none identified	(FOTG II) none identified	(FOTG II) none identified	(FOTG II) none identified
Prime and Unique Farmlands	(FOTG II) (Soil Survey) Prime Farmlands are located adjacent to this bayou. Land is in timber/recreation	(FOTG II) (Soil Survey) No impact to adjacent Prime Farmlands	(FOTG II) (Soil Survey) Prime Farmlands located adjacent to this bayou. Land is in timber/recreation	(FOTG II) (Soil Survey) No impact to adjacent Prime Farmlands
Riparian Areas	Riparian area impacted by wind damage and debris accumulation	Riparian habitat improved by debris removal and revegetation	Riparian area negatively impacted by increased debris	Slight negative impact if access is from bank, healthy trees removed
Scenic Beauty	(FOTG II) None present	(FOTG II) None present	(FOTG II) None present	(FOTG II) None present
Wetlands	Bluff Swamp drains into Frog Bayou. Drainage is impaired by storm debris in Frog Bayou	Restore pre-storm wetland functions and values in associated wetland area	Bluff Swamp drains into Frog Bayou. Drainage is impaired by storm debris in Frog Bayou	Restore pre-storm wetland functions and values in associated wetland area
Wild and Scenic Rivers	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)	(FOTG II) - LDWF Scenic Streams List (not listed)

Completed By: Mandy York

Date: 03/24/2006

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Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
Houses:			
33@ \$75,000	2,475,000.00	25	618,750.00
Businesses:			
Alligator Tours: 150 visitors/day@ \$25ea/2wk	52,500.00	25	13,125.00
Properties Protected (Public):			
Bridges (1) detour 40 vehicles 60miles (2wk)@.485	27,936.00	25.00	6,984.00
Total Near Term Damage Reduction \$			638,859.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			618,109.00

Completed By: Jerry Hall Date: 03/24/2006



Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Completed By: Jerry Hall Date: 03/24/2006



Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	10
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	9
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	2
White Female Non-Hispanic	37
White Male Hispanic	1
White Male Non-Hispanic	35
Total Group	94

Census tract(s) Ascension

Completed By: Jerry Hall Date: 03-24-2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission (Ascension Parish Government)

CWA permit prior to construction is needed (COE)

Water Quality Certification is needed (LDEQ)

Bald Eagle noted on Conservation Map (USFWS)

Mitigation Description:

Avoid impacts to the riparian zone adjacent to channel. Work should be conducted from within the channel and from both banks manually (i.e. human laborers and chainsaws). Only new/Katrina caused debris will be removed. No live trees within the stream bed should be cut. Debris will be disposed of off-site when possible to minimize impacts to adjacent riparian areas and to minimize detriment to fish habitat within stream and disposed of in an approved landfill if not chipped on site. Removal will be done in consecutive days to minimize impacts to local wildlife.

Agencies, persons, and references consulted, or to be consulted:

U.S. Army Corps of Engineers

LDWF

LDEQ

Acension Parish Government

USFWS

DSR NO: 005-05-003K

Section 3 Engineering Cost Estimate

Completed By: Ronda Hathcock Date: 03/24/2006

This section must be completed by each alternative considered (attach additional sheets as necessary).

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
Working from within the channel and from both sides, remove and dispose of debris manually (i.e. laborers and chainsaws)				0.00
Mobilization and Demobilization	1	LS	5,000.00	5,000.00
Channel Obstruction Removal	3,150	LF	5.00	15,750.00
Seeding, Sprigging, Mulching	0	AC	200.00	0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
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				0.00
				0.00
				0.00
				0.00
				0.00
Total Installation Cost (Enter in Section 1F)\$				20,750.00

Unit Abbreviations:

AC	Acre	LS	Lump Sum
CY	Cubic Yard	SF	Square Feet
EA	Each	SY	Square Yard
HR	Hour	TN	Ton
LF	Linear Feet		Other (Specify)

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		2e
2. Is this a site where there is serious, but not immediate threat to human life?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. Is this site a funding priority established by the NRCS Chief?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 005-05-003 K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

Working from within the channel and from both sides, remove debris manually. Do not remove trees from riparian area for access purposes. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

- ☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
- Chapter 5.2.2.1.2
- Chapter 5.2.2.2.2
- Chapter _____
- Chapter _____
- Chapter _____

☐ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: District Conservationist

Date: 4-5-06

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative

Title: District Conservationist

Date: 3/31/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

Ascension Parish Frog Bayou - DSR 005-05-003K

Location Map; Section 28, T9S R2E
Topo Quad: Saint Gabriel

